

Remarks

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 1-11 are pending in the application, with claims 1 and 9 being the independent claims. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the above amendment and the following remarks, Applicant respectfully requests that the Examiner reconsider all outstanding rejections and that they be withdrawn.

Rejections Under 35 U.S.C. § 102

Claims 1-11 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,532,017 to Knittel *et al.* (hereinafter "Knittel"). (*See*, Office Action at ¶ 5.) Applicant respectfully traverses these rejections.

Amended independent claim 1 (emphasis added) recites:

A method for presenting three-dimensional computer graphics images using multiple graphics processing units, comprising the steps of:

- (1) allocating, to each GPU, three-dimensional computer graphics data such that said allocated three-dimensional computer graphics data correspond to a portion of the scene that lies within the rectangular subvolume to which that GPU has been assigned;
 - (2) rendering, by each of the GPUs, said allocated three-dimensional computer graphics data;
 - (3) combining said rendered three-dimensional computer graphics data, thereby producing a three-dimensional computer graphics image; and
 - (4) presenting, for viewing, said combined three-dimensional computer graphics image;
- wherein said allocated computer graphics data that correspond to the portion of the scene can include ***data for a graphics***

primitive having a vertex that lies outside of the rectangular subvolume to which that GPU has been assigned.

Independent claim 9 has been amended in a similar manner. Knittel does not disclose, teach, or suggest a computer graphics rendering method or system in which computer graphics data can include data for a graphics primitive. Therefore, Knittel does not anticipate claims 1 or 9. Claims 2-8 and 10-11 are allowable for at least the same reasons as are independent claims 1 and 9, from which they depend, and further in view of their additional features. Accordingly, Applicant respectfully requests that the rejections under 35 U.S.C. § 102(e) be reconsidered and withdrawn for claims 1-11 and that these claims be passed to allowance.

Conclusion

All of the stated grounds of rejection have been properly traversed. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully
requested.

Respectfully submitted,

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